

PTC/SB/D8A (10-01)

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Examiner Signature	<i>James Hendon</i>	Date Considered	<i>10/28/05</i>
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Examiner Signature	<i>Carrie Miller</i>	Date Considered	10/28/05
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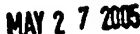
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Application Number	10/781,013
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Filing Date	2/18/2004
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First Named Inventor	Hawe
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Art Unit

Examiner Name	Not yet known
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Attorney Docket Number	160-051
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Sheet 1 of 1

[illegible][illegible]Date
Considered

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Substantive Term 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/781013
Filing Date	2/18/2004
First Named Inventor	Hawe
Art Unit	
Examiner Name	
Attorney Docket Number	160-051

U.S. PATENT DOCUMENTS

Examiner Initials	Cita No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
mt	—	US- 2004/0137915 A1	7/15/2004	Diener et al.	
mt	—	US- 2003.0207699 A1	11/6/2003	Shpak	
mt	—	US- 2002/0193113 A1	12/19/2002	Shibutani	
mt	—	US- 2002/0141375 A1	10/3/2002	Choi	
mt	—	US- 2003/0022686 A1	1/30/2003	Soomro et al.	
mt	—	US- 2002/0176437 A1	11/28/2002	Busch et al.	
mt	—	US- 2003/0002456 A1	1/2/2003	Soomro et al.	
mt	—	US- 2002/0060995 A1	5/23/2002	Cervello et al.	
mt	—	US- 6,741,863 B1	5/25/2004	Chiang et al.	
mt	—	US- 6,560,462 B1	5/6/2003	Ravi et al.	
mt	—	US- 6,332,007 B1	12/18/2001	Wu et al.	
mt	—	US- 6,208,629 B1	3/27/2001	Jaszewski et al.	
mt	—	US- 6,198,924 B1	3/6/2001	Ishii et al.	
mt	—	US- 6,760,748 B1	7/6/2004	Hakim	
mt	—	US- 6,111,867	12/12/1997	Mann	
mt	—	US- 6,574,477	10/6/1999	Rathunde	
mt	—	US- 6,574,474	5/20/1999	Nielson	
mt	—	US- 6,732,163	1/5/2000	Halasz	
mt	—	US- 6,215,779	9/22/1998	Bender	
mt	—	US- 6,636,737	4/10/2000	Hills	
mt	—	US- 6,738,599	3/14/2002	Black	
mt	—	US- 6,522,881	3/8/2000	Feder	
mt	—	US- 6,208,629	3/10/1999	Jaszewski	

FOREIGN PATENT DOCUMENTS

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Signature**

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Date Considered

10/28/05

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/781013
		Filing Date	2/18/2004
		First Named Inventor	Hawe
		Group Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	160-051	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cita. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Amf		IEEE, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages.	
Amf		<i>NO MONTH LISTED</i> MICHAEL BARR, "Toward a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.	
Amf		Moustafa Youssef, "Handling Samples Correlation in the Horus System", IEEE INFOCOM 2004	
Amf		<i>NO MONTH LISTED</i> Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs - research, January 19, 2000.	
Amf		Ana Zapater et. Al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook - University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.	
Amf		Walter Klotz, "Graph Coloring Algorithms", 1999.	
Amf		<i>NO MONTH LISTED</i> Brent N. Chun et. Al., "Market-based Proportional resource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.	
Amf		The Four Color Theorem, Web page, author(s) unknown, updated November 13, 1995.	

Examiner Signature	<i>James J. Lee, Esq.</i>	Date Considered	10/28/05
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